

EASTPORT, MAINE. NOVEMBER 1, 1893.

Blanchard's factory received about 4 hogsheds of herring which were taken during the previous night in Lubec Narrows, but whether from the weirs or drivers was not ascertained. About 1 bbl. of these herring were between 7 and 10 inches, the balance were between 11 and 12  $\frac{3}{4}$  inches, chiefly.

A small lot was brought into the laboratory. 2 specimens measured 7 inches; 7 specimens measured 9 to 10 inches; and 27 specimens between 11 and 12  $\frac{3}{4}$  inches. Only the last were examined. Of these, 16 were spent females, 11 spent males. The ovaries and spermaries were all very small and congested, appearing to have spawned some time ago. One male 10  $\frac{1}{2}$  inches had large spermaries, approaching ripeness, but they were still hard, and would not have become entirely ripe apparently for some time.

The stomachs of the large specimens have been preserved for food contents.

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18 hogshead of herring were brought in from weir in Northwest Harbor, Deer Island, taken 11 P. M. October 31. 10 hogshead went to Grady's factory, and the balance to Morris Holmes.

41 specimens were brought to the laboratory. They ranged in size from  $3 \frac{3}{4}$  to 11 inches.

The genital organs of all were very small, evidently spent for some time, except in one instance, a female  $9 \frac{1}{2}$  inches long, which was quite ripe.